

TEAM 4

SR UNIVERSITY

Problem solving with programming.

Guide : Dr.P.Praveen.

B.Tech 1st year 2nd semester.

Project title : Bike sales system.

Team no.5 (section H1).

Team members :

V.Nataraj-2103A54041

L.Abhijith-2103A53007

G.Sai privijith-2103A54018

S.praneeth-2103A54036

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Project submitted on :

project remarks :

Faculty signature :

BIKE BILLING

Data collection:

Bikes Details :

S.NO	Bike name	Ex- show room price	Road tax	Insurance	Extra fitting	Others	Helmet
1.	Royal enfield	<u>250000</u>	0.5*ex	20000	21000	21200	2000
2.	Avenger	<u>200000</u>	0.15*ex	10000	15000	18200	2000
3.	R15	<u>300000</u>	0.15*ex	20000	21000	18200	4000
4.	MT	<u>150000</u>	0.15*ex	7000	5000	4200	1100
5.	Glamour	<u>110000</u>	0.15*ex	5000	5000	8200	1200

6.	Pulser 220	<u>180000</u>	0.15*ex	9000	12000	11200	2000
7.	Duke	<u>250000</u>	0.15*ex	10000	13000	18200	3000
8.	Fz	<u>220000</u>	0.25*ex	11000	15000	15200	2700
9.	Karishma	90000	0.15*ex	3000	6150	7200	1100
10.	Xtreme	<u>100000</u>	0.35*x	7000	11050	9200	3150

Program :

```
• #include<stdio.h>
• #include<conio.h>
• #include<string.h>
• struct regi
• {
•     char rno[10],add[20],mob[10],dop[10],veh[10];
• };
• main()
• {
•     int ch;
•     printf("1.Bike sales\n");
•     int n,ex,rt,in,ef,oth,sc,hel;
•     float gt,dp,dis,tot;
•     char name[20],mob[10];
•     printf("Enter name and mobile number:\n");
•     scanf("%s%s",&name,&mob);
•     printf("1.Royal enfield\n2.Avenger\n3.R15\n4.MT\n5.Glamour\n6.pulser220\n7.Duke\n8.Fz\n9.Karishma\n10.Xtreme\n");
•     scanf("%d",&n);
•     if(n==1)
•     {
```

```
Printf("Royal enfield\nEnter discount percentage:\n");  
  
scanf("%f",&dis);  
  
ex=250000;  
  
rt=0.50*ex;  
  
in=20000;  
  
ef=21000;  
  
oth=21200;  
  
sc=3150;  
  
hel=2000;  
  
tot=ex+rt+in+ef+oth+sc+hel;  
  
dp=dis/100*tot;  
  
gt=tot-dp;  
  
printf(" _____ \n\tGanapathi motors\n\tMob.no.7569032209\n");  
  
printf(" _____ \n");  
  
printf("Customer Name:%s\n mobile number:%s\n",name,mob);  
  
printf(" _____ \n");  
  
printf("Particular\t\t cost\n");  
  
printf(" _____ \n");  
  
printf("EX-shoeroom price\t\t\t d\nRoad tax\t\t\t d\nInsurance\t\t\t d\nExtra-  
fitting\t\t\t d\nOthers\t\t\t d\nServicecharge\t\t\t d\nHelmet\t\t\t d\nTotal\t\t\t f\nDiscount percent\t\t f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);  
  
printf("Grand total for Royal enfield\t\t f\n",gt);
```

```

• }
•
• if(n==2)
• {
•
• printf("Avenger\nEnter discount percentage:\n");
•
• scanf("%f",&dis);
•
• ex=200000;
•
• rt=0.15*ex;
•
• in=10000;
•
• ef=15000;
•
• oth=18200;
•
• sc=1250;
•
• hel=2000;
•
• tot=ex+rt+in+ef+oth+sc+hel;
•
• dp=dis/100*tot;
•
• gt=tot-dp;
•
• printf("_____ \n\tGanapathi motors\n\tMob.no.7569032209\n");
•
• printf("_____ \n");
•
• printf("Customer Name:%s\n mobile number:%s\n",name,mob);
•
• printf("_____ \n");
•
• printf("Particular\t \t cost\n");

```



```

• Printf("_____\\n");
• printf("EX-shoeroom price\\t\\t%d\\nRoad tax\\t\\t%d\\nInsurance\\t\\t%d\\nExtra-
fitting\\t\\t%d\\nOthers\\t\\t%d\\nServicecharge\\t\\t%d\\nHelmet\\t\\t\\t%d\\nTotal\\t\\t\\t%f\\nDiscountpercent\\t\\t%f\\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
• printf("Grand total for Avenger\\t%f\\n",gt);
• }
• if(n==3)
• {
• printf("R15\\nEnter discount percentage:\\n");
• scanf("%f",&dis);
• ex=300000;
• rt=0.15*ex;
• in=20000;
• ef=21000;
• oth=18200;
• sc=3250;
• hel=4000;
• tot=ex+rt+in+ef+oth+sc+hel;
• dp=dis/100*tot;
• gt=tot-dp;
• printf("\\n\\tGanapathi motors\\n\\tMob.no.7569032209\\n");

```

[illegible]

```

• Dp=dis/100*tot;
•
• gt=tot-dp;
• printf("_____\\n\\tGanapathi motors\\n\\tMob.no.7569032209\\n");
• printf("_____\\n");
• printf("Customer Name:%s\\n mobile number:%s\\n",name,mob);
• printf("_____\\n");
• printf("Particular\\t \\t cost\\n");
• printf("_____\\n");
• printf("Ex-shoerom price\\t\\t%d\\nRoad tax\\t\\t%d\\nInsurance\\t\\t\\t%d\\nExtra-
fitting\\t\\t\\t%d\\nOthers \\t\\t\\t%d\\nServicecharge\\t\\t\\t%d\\nHelmet \\t\\t\\t\\t%d\\n Total\\t\\t\\t\\t%f\\nDiscountpercent\\t\\t%f\\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
• printf("Grand total for MT\\t%f\\n",gt);
•
• }
•
• if(n==5)
•
• {
•
• printf("Glamour\\nEnter discount percentage:\\n");
• scanf("%f",&dis);
•
• ex=110000;
•
• rt=0.15*ex;
•
• in=5000;
•
• ef=5000;
•
• oth=8200;

```

```
Sc=1250;

hel=12000;

tot=ex+rt+n+ef+oth +sc+h el;

dp=dis/100*tot;

gt=tot-dp;

printf("_____\\n\\tGanapathi motors\\n\\tMob.no.7569032209\\n");

printf("_____|_\\n");

printf("Customer Name:%s\\n mobile number:%s\\n",name,mob);

printf("_____\\n");

printf("Particular\\t \\t cost\\n");

printf("_____\\n");

printf("EX-shoerom price\\t(\\t%d\\nRoad tax\\t(\\t(\\t%d\\nInsurance\\t\\t(\\t(d\\nEx tra-ge\\t\\t\\t(d\\nHelm et\\t\\t\\t\\t(d\\n Total\\t\\t\\t\\t%|f\\nDiscountpercent\\t\\t%f\\n",ex,r,t,n,e,f,o,h,s,c,hel,tot,d,is);

printf("Grand total for Glamour\\t%f\\n",gt);


}

if(n==6)

{

    printf("Pulser220\\nEnter discount percentage\\n");

    scanf("%f",&dis);

    ex=180000;

    rt=0.15 *ex;
```

```

•   in=9000;

•

•   ef=12000;

•   oth=11200;

•   sc=1250;

•   hel=2000;

•   tot=ex+rt+in+ef+oth+sc+hel;

•   dp=dis/100*tot;

•   gt=tot-dp;

•   printf("_____\\n\\tGanapathi  motors\\n\\tMob.no.7569032209\\n");

•   printf("_____\\n");

•   printf("Customer Name:%s\\n  mobile number:%s\\n",name,mob);

•   printf("_____\\n");

•   printf("Particular\\t  \\t cost\\n");

•   printf("_____\\n");

•   printf("EX-shoeroom price\\t\\t%d\\nRoad  tax\\t\\t%d\\nInsurance\\t\\t%d\\nExtra-
fitting\\t\\t%d\\nOthers  \\t\\t%d\\nService charge\\t\\t%d\\nHelmet\\t\\t%d\\n Total\\t\\t%d\\nDiscountpercent\\t\\t%f\\n",ex,rt,in,ef,oth,sc,hel,tot,dis);

•   printf("Grand total for Pulsar220\\t%f\\n",gt);

•

•   }

•   if(n==7)

•   {

•   printf("Duke\\nEnter  discount percentage:\\n");

```

```

Scanf("%f",&dis);

ex=250000;

rt=0.15*ex;

in=10000;

ef=13000;

oth=18200;

sc=1250;

hel=3000;

tot=ex+rt+in+ef+oth+sc+hel;

dp=dis/100*tot;

gt=tot-dp;

printf("_____\\n\\tG anapathi  motors\\n\\tMob.no.7569032209\\n");

printf("_____\\n");

printf("Customer Name:%s\\n  mobile number:%s\\n",name,mob);

printf("_____\\n");

printf("Particular\\t  \\t cost\\n");

printf("_____\\n");

printf("EX-shoeroom price\\t%g\\nRoad  tax\\t\\t%g\\nInsurance\\t\\t\\t%g\\nExtra-
fitting\\t\\t\\t%g\\nOthers \\t\\t\\t%g\\nService charge\\t\\t\\t%g\\nHelmet\\t\\t\\t%g\\n Total\\t\\t\\t%g\\nDiscountpercent\\t\\t%g\\n",ex,rt,in,ef,oth,sc,hel,tot,dis);

printf("Grand total for Duke\\t%g\\n",gt);

}

```

```

• if(n==8)
• {
•
• printf("F2\nEnter discount percentage:\n");
•
• scanf("%f",&dis);
•
• ex=220000;
•
• rt=0.25*ex;
•
• in=11000;
•
• ef=15000;
•
• oth=15200;
•
• sc=1850;
•
• hel=2700;
•
• tot=ex+rt+in+ef+oth+sc+hel;
•
• dp=dis/100*tot;
•
• gt=tot-dp;
•
• printf("_____ \n\tGanapathi motors\n\tMob.no.7569032209\n");
•
• printf("_____ \n");
•
• printf("Customer Name:%s\n mobile number:%s\n",name,mob);
•
• printf("_____ \n");
•
• printf("Particular\t \t cost\n");
•
• printf("_____ \n");

```

[illegible]


```

•   Printf("_____\\n");
•
•   printf("Particular\\t \\t cost\\n");
•
•   printf("_____\\n");
•
•   printf("EX-shoerom price\\t\\t%d\\nRoad  tax\\t\\t%d\\nInsurance\\t\\t%d\\nExtra-
fitting\\t\\t%d\\nOthers \\t\\t%d\\nServicecharge\\t\\t%d\\nHelmet\\t\\t\\t%d\\n Total\\t\\t\\t%d\\nDiscountpercent\\t\\t%f\\n",ex,rt,in,ef,oth,tot,dis);
•
•   printf("Grand total for Karishma\\t%f\\n",gt);
•
•   }
•
•   if(n==10)
•
•   {
•
•   printf("Xtreme\\nEnter  discount percentage:\\n");
•
•   scanf("%f",&dis);
•
•   ex=110000;
•
•   rt=0.35*ex;
•
•   in=7000;
•
•   ef=11050;
•
•   oth=9200;
•
•   sc=1050;
•
•   hel=3150;
•
•   tot=ex+rt+in+ef+oth +sc+h el;
•
•   dp=dis/100*tot;
•
•   gt=tot-dp;

```

- `Printf("\n\tGanapathi
motors\n\tMob.no.7569032209\n");`
- `printf("_____\n");`
- `printf("Customer Name:%s\n mobile
number:%s\n",name,mob);`
- `printf("_____\n");`
- `printf("Particular\t\t cost\n");`
- `printf("_____\n");`
- `printf("EX-shoeroom price\t\t%d\nRoad
tax\t\t\t%d\nInsurance\t\t\t%d\nExtra-
fitting\t\t\t%d\nOthers\t\t\t%d\nServicecharge\t\t\t%d\nHelmet\t\t\t\t%d\nT
otal\t\t\t\t%f\nDiscountpercent\t\t%f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);`
- `printf("Grand total for Xtreme\t%f\n",gt);`
- `}`
- `}`

OUTPUTS :

```
C:\Users\home\Documents\praneeth.exe
1.Bike sales
Enter name and mobile number:
abhijith
6303346915
1.Royal enfield
2.Avenger
3.R15
4.MT
5.Glamour
6.pulser220
7.Duke
8.Fz
9.Karishma
10.Xtreme
1
Royal enfield
Enter discount percentage:
5.6

Ganapathi motors
Mob.no.7569032209

Customer Name:abhijith
mobile number:6303346915

Particular      cost
EX-shoeroom price      250000
Road tax                125000
Insurance               20000
Extra-fitting           21000
Others                  21200
Servicecharge           3150
Helmet                  2000
Total                  442350.000000
Discountpercent         5.600000
Grand total for Royal enfield  417578.406250

-----
Process exited after 15.88 seconds with return value 1
Press any key to continue . . .
```

C:\Users\home\Documents\praneeth.exe

```
1.Bike sales
Enter name and mobile number:
praneeth
9849958503
1.Royal enfield
2.Avenger
3.R15
4.MT
5.Glamour
6.pulser220
7.Duke
8.Fz
9.Karishma
10.Xtreme
2
Avenger
Enter discount percentage:
4.5

Ganapathi motors
Mob.no.7569032209

Customer Name:praneeth
mobile number:9849958503

Particular      cost
EX-shoerom price      200000
Road tax              30000
Insurance              10000
Extra-fitting          15000
Others                18200
Servicecharge          1250
Helmet                 2000
Total                276450.000000
Discountpercent        4.500000
Grand total for Avenger 264009.750000

-----
Process exited after 34.68 seconds with return value 2
Press any key to continue . . .
```

ENG
US 18:35
04-07-2022

C:\Users\home\Documents\praneeth.exe

1.Bike sales

Enter name and mobile number:

natraj

9849580326

1.Royal enfield

2.Avenger

3.R15

4.MT

5.Glamour

6.pulser220

7.Duke

8.Fz

9.Karishma

10.Xtreme

3

R15

Enter discount percentage:

5.9

Ganapathi motons

Mob.no.7569032209

Customer Name:natraj

mobile number:9849580326

Particular	cost
------------	------

EX-shoeroom price	300000
-------------------	--------

Road tax	45000
----------	-------

Insurance	20000
-----------	-------

Extra-fitting	21000
---------------	-------

Others	18200
--------	-------

Servicecharge	3250
---------------	------

Helmet	4000
--------	------

Total	411450.000000
-------	---------------

Discountpercent	5.900000
-----------------	----------

Grand total for R15	387174.437500
---------------------	---------------

Process exited after 36.22 seconds with return value 3

Press any key to continue . . .

C:\Users\home\Documents\praneeth.exe

1.Bike sales

Enter name and mobile number:

privijith

9848022249

1.Royal enfield

2.Avenger

3.R15

4.MT

5.Glamour

6.pulser220

7.Duke

8.Fz

9.Karishma

10.Xtreme

4

MT

Enter discount percentage:

5.3

Ganapathi motors

Mob.no.7569032209

Customer Name:privijith

mobile number:9848022249

Particular	cost
EX-shoerom price	150000
Road tax	22500
Insurance	7000
Extra-fitting	5000
Others	4200
Servicecharge	1250
Helmet	1100
Total	191050.000000
Discountpercent	5.300000
Grand total for MT	180924.343750

Process exited after 49.35 seconds with return value 4

Press any key to continue . . .



C:\Users\home\Documents\praneeth.exe

1.Bike sales

Enter name and mobile number:

Williamson

9632154879

1.Royal enfield

2.Avenger

3.R15

4.MT

5.Glamour

6.pulser220

7.Duke

8.Fz

9.Karishma

10.Xtreme

5

Glamour

Enter discount percentage:

3.6

Ganapathi motors
Mob.no.7569032209

Customer Name:williamson

mobile number:9632154879

Particular	cost
EX-shoerom price	110000
Road tax	16500
Insurance	5000
Extra-fitting	5000
Others	8200
Servicecharge	1250
Helmet	12000
Total	157950.000000
Discountpercent	3.600000
Grand total for Glamour	152263.796875

Process exited after 31.58 seconds with return value 5
Press any key to continue . . .



ENG
US 18:38
04-07-2022

C:\Users\home\Documents\praneeth.exe

1.Bike sales

Enter name and mobile number:

kohli

9852632568

1.Royal enfield

2.Avenger

3.R15

4.MT

5.Glamour

6.pulser220

7.Duke

8.Fz

9.Karishma

10.Xtreme

6

Pulser220

Enter discount percentage:

5.4

Ganapathi motors

Mob.no.7569032209

Customer Name:kohli

mobile number:9852632568

Particular	cost
EX-shoerom price	180000
Road tax	27000
Insurance	9000
Extra-fitting	12000
Others	11200
Servicecharge	1250
Helmet	2000
Total	242450.000000
Discountpercent	5.400000
Grand total for Pulser220	229357.703125

Process exited after 26.93 seconds with return value 6

Press any key to continue . . .



ENG
US

18:39
04-07-2022


```
C:\Users\home\Documents\praneeth.exe
1.Bike sales
Enter name and mobile number:
rohit
8977985236
1.Royal enfield
2.Avenger
3.R15
4.MT
5.Glamour
6.pulser220
7.Duke
8.Fz
9.Karishma
10.Xtreme
7
Duke
Enter discount percentage:
7.8

Ganapathi motors
Mob.no.756903209

Customer Name:rohit
mobile number:8977985236

Particular      cost
EX-shoerom price      250000
Road tax              37500
Insurance              10000
Extra-fitting         13000
Others                18200
Servicechange          1250
Helmet                3000
Total                332950.000000
Discountpercent        7.800000
Grand total for Duke   306979.906250

-----
Process exited after 25.03 seconds with return value 7
Press any key to continue . . .
```

C:\Users\home\Documents\praneeth.exe

1.Bike sales

Enter name and mobile number:

rahul

7412589632

1.Royal enfield

2.Avenger

3.R15

4.MT

5.Glamour

6.pulser220

7.Duke

8.Fz

9.Karishma

10.Xtreme

8

Fz

Enter discount percentage:

6.8

Ganapathi motors

Mob.no.7569032209

Customer Name:rahul

mobile number:7412589632

Particular

cost

EX-shoeroom price 220000

Road tax 55000

Insurance 11000

Extra-fitting 15000

Others 15200

Servicecharge 1850

Helmet 2700

Total 320750.000000

Discountpercent 6.800000

Grand total for Fz 298939.000000

Process exited after 26.07 seconds with return value 8

Press any key to continue . . .



ENG
US



18:41
04-07-2022



```
C:\Users\home\Documents\praneeth.exe
1.Bike sales
Enter name and mobile number:
bumrah
9654786523
1.Royal enfield
2.Avenger
3.R15
4.MT
5.Glamour
6.pulser220
7.Duke
8.Fz
9.Karishma
10.Xtreme
9
Karishma
Enter discount percentage:
5.1
-----
Ganapathi motors
Mob.no.7569032209
-----
Customer Name:bumrah
mobile number:9654786523
-----
Particular          cost
-----
EX-shoeroom price      90000
Road tax               13500
Insurance              3000
Extra-fitting          6150
Others                 7200
Servicecharge          1750
Helmet                 1100
Total                 122700.000000
Discountpercent        5.100000
Grand total for Karishma 116442.296875
-----
Process exited after 32 seconds with return value 9
Press any key to continue . . .
```

CONCLUSION:

- Our project helps the customers to understand the Price and other taxes of vechile and gives the final price of the bike.
 - . First it asks to enter the name and phone number .
 - . Thenafter it asks to choose a bike.
 - . Enter the discount percentage.
 - . Then it shows the final price of the book.



THANK YOU

